

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known	
				Application	10/791,140
				Filing Date	March 2, 2004
				First Named	Ge Wang
				Art Unit	3737
				Examiner Name	P. Luong
Sheet	1	of	8	Attorney Docket Number	21087.0026U2

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. (Only abstract is enclosed).	T ²
	A	Andersen, A. H. and Kak A. C., "Simultaneous algebraic reconstruction technique (SART): a superior implementation of the ART algorithm," Ultrason. Imaging, 1984, pp. 81-94, Vol. 6. (Only abstract is enclosed).	
	B	Blouke, M. M., et al., "Large area CCD image sensors for scientific applications," Proc S.P.I.E Conf., 1985, pp. 82-88. (Only abstract is enclosed).	
	C	Browne, J. and de Pierro A. B., "A row-action alternative to the EM algorithm for maximizing likelihoods in emission tomography," IEEE Trans. on Med. Imaging, 1996, pp. 687-699, Vol. 15.	
	D	Dennis, J. B., "Non-linear least squares and equations," The state of the art in numerical analysis: proceedings of the Conference on the State of the Art in Numerical Analysis, D. A. H. Jacobs (Ed.), Academic Press: London, 1977, pp. 269-312.	
	E	Everhart, J., et al., "Image segmentation applied to CT examination of lymphangioleiomyomatosis (LAM)," Proc. SPIE Conf. Med. Imaging, Newport Beach, CA., 1994, pp. 87-95, Vol. 2167.	
	F	Francis, K. P., et al., "Monitoring bioluminescent Staphylococcus aureus infections in living mice using a novel luxABCDE construct," Infect. Immune., 2000, pp. 3594-3600, Vol. 68.	
	G	Gaudette, R., "Constrained Reconstruction Techniques for Diffuse Optical Tomography," Massachusetts General Hospital. Charlestown, MA, Harvard University, 2000.	
	H	Hoffman, E. A. and Ritman E. L., "Constancy of total heart volume throughout cardiac cycle and role of lung inflation: A computer tomographic measurement with DSR," Federation Proceedings, 1994, pp. 509, Vol. 43(3).	
	I	Hoffman, E. A. and Ritman E. L., "Effect of body orientation on regional lung expansion in dog and sloth," J. Appl. Physiol., 1985, pp. 481-491, Vol. 59(2).	
	J	Hoffman, E. A. and Hoford J. D., "Tool box-based cardiac volumes: Visualization and quantitation by computed tomography," Am. J. Card. Imaging, 1993, pp. 164-178, Vol. 7. (Only abstract is enclosed).	

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	K	Hoffman, E. A., et al., "Regional pleural surface expansile forces in intact dogs by wick catheters," J. Appl. Physiol., 1983, pp.1523-1519, Vol. 55(5).	
	L	Hoffman, E. A. and Ritman E. L., "Shape and dimensions of cardiac chambers: Importance of CT section thickness and orientation," Radiol., 1985, pp. 739-744, Vol. 155(3).	
	M	Hoffman, E. A. and McLennan G., "Assessment of the pulmonary structure-function relationship and clinical outcomes measures: Quantitative volumetric CT of the lung," Acad. Radiol., 1997, pp. 758-776, Vol. 4.	
	N	Hoffman, E. A., et al., "Matching Pulmonary Structure and Perfusion via Combined Dynamic Multislice CT and Thin-Slice High Resolution CT," Comput. Med. Imaging Graph., 1995, pp. 101-112, Vol. 19(1).	
	O	Hoffman, E. A., et al., "Noninvasive quantitative imaging of shape and volume of lungs," J. Appl. Physiol.: Respirat. Environ. Exercise Physiol., 1983, pp. 1414-1421, Vol. 54(5).	
	P	Hoffman, E. A., "Effect of body orientation on regional lung expansion: A computed tomographic approach," J. Appl. Physiol., 1985, pp. 468-480, Vol. 59(2).	
	Q	Hudson, H. M. and Larkin R. S., "Accelerated image reconstruction using ordered subsets of projection data," IEEE Trans. on Med. Imaging, 1994, pp. 601-609, Vol. 13.	
	R	Iwasaki, T., et al., "Mass of left ventricular myocardium estimated with dynamic spatial reconstructor," Am. J. Physiol., 1984, pp. 1138-1142, Vol. 246(1 Pt 2).	
	S	Jiang, M. and Wang G., "Block-Iterative Algorithms for Image Reconstruction," Mathematical Software, Proceedings of the First International Congress of Mathematical Software, Beijing, China, World Scientific, 2002, pp. 51-60.	
	T	Joyeaux, A., et al., "Engineered cell lines as a tool for monitoring biological activity of hormone analogs," Anal. Biochem., 1997, pp. 119-130, Vol. 249.	

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	U	Liu, Y., et al., "Accuracy of pulmonary vascular dimensions estimated with the Dynamic Spatial Reconstructor," Am. J. Physiol. Imaging, 1986, pp. 201-207, Vol. 1. (Only abstract is enclosed).	
	V	Liu, Y., et al., "Measurement of Three-Dimensional anatomy and Function of pulmonary arteries with high-speed x-ray computed tomography," Invest. Radiol., 1987, pp. 28-36, Vol. 22.	
	W	Margulies, S. S., et al., "Geometry and Kinematics of Dog Ribs," J. Appl. Physiol., 1989, pp. 707-712, Vol. 67(2).	
	X	McNamara, A. E., et al., "Airway narrowing in excised canine lungs measured by high-resolution computed tomography," J. Appl. Physiol., 1992, pp. 307-316, Vol. 73(1).	
	Y	Olson, L. E. and Hoffman E. A., "Heart-lung interactions determined by electron beam X-ray CT in laterally recumbent rabbits," J. Appl. Physiol., 1995, pp. 417-427, Vol. 78(2).	
	Z	Olson, L. E. and Hoffman E. A., "Lung Volumes and Distribution of Regional Air Content Determined by Cine X-ray CT of Pneumonectomized Rabbits," J. Appl. Physiol., 1994, pp. 1774-1785, Vol. 76(4).	
	AA	Park, W., et al., "Segmentation of Intrathoracic Airway Trees: A Fuzzy Logic Approach," IEEE Trans. on Med. Imaging, 1998, pp. 489-497, Vol. 17.	
	AB	Ray, P., et al., "Optical bioluminescence and positron emission tomography imaging of a novel fusion reporter gene in tumor xenografts of living mice," Cancer Res., 2003, pp.1160-1165, Vol. 63(6).	
	AC	Reinhardt, J. M., et al., "Accurate measurement of intra-thoracic airways," IEEE Trans. on Med. Imaging, 1997, pp. 820-827, Vol. 16(6).	
	AD	Robb, R. A., et al., "High-speed three-dimensional, x-ray Computed Tomography: The Dynamic Spatial Reconstructor" Proceed. of the IEEE, 1983, pp. 308-319, Vol. 71(3).	

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	AE	Schaller, S., et al., "An efficient Fourier method for 3-D radon inversion in exact cone-beam CT reconstruction," IEEE Trans. Med. Imaging, 1998, pp. 244-250, Vol. 17(2).		
	AF	Schwab, R. J., et al., "Dynamic imaging of the upper airway during respiration in normal subjects," J. Appl. Physiol., 1993, pp. 1504-1514, Vol. 74(4).		
	AG	Sinak, L. J., et al., "Subtraction gated computed tomography with the dynamic spatial reconstructor: simultaneous evaluation of left and right heart from single right-sided bolus contrast medium injection," J. Comput. Assist. Tomogr., 1984, pp. 1-9, Vol. 8(1).		
	AH	Smith, J. J., et al. "Cystic fibrosis airway epithelia fail to kill bacteria because of abnormal airway surface fluid," Cell., 1996, pp. 229-236, Vol. 85.		
	AI	Snyder, D. L., et al., "Deblurring subject to nonnegativity constraints," IEEE Trans. on Signal Processing, 1992, pp. 1143-1150, Vol 40.		
	AJ	Sonka, M., et al., "Knowledge-Based Segmentation of Intrathoracic Airways from Multidimensional High Resolution CT Images," SPIE Physiology and Function from Multidimensional Images, 1994, pp. 73-85, Vol. 2168.		
	AK	Sonka, M., et al., "Rule-Based Detection of Intrathoracic Airway Trees," IEEE Trans. on Med. Imaging, 1996, pp. 314-326, Vol. 15(3).		
	AL	Travis, S. M., et al., "Activity of abundant antimicrobials of the human airway," Am. J. Respir. Cell. Mol. Biol., 1999, pp. 872-879, Vol. 20.		
	AM	Uppaluri, R., et al., "Computer recognition of regional lung disease patterns," Am. J. Respir. Crit. Care Med., 1999, pp. 648-654, Vol. 160(2).		
	AN	Uppaluri, R., et al., "Quantification of Pulmonary Emphysema from Lung Computed Tomography Images," Am. J. Respir. Crit. Care Med., 1997, pp. 248-254, Vol. 156(1).		

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	AO	Wang, G., et al., "Theoretical FWTM values in helical CT," Med. Phys., 1994, pp. 753-754, Vol. 21.	
	AP	Wang, G., et al., "Digital X-ray stereophotogrammetry for cochlear implantation," IEEE Trans. on Biomedical Engineering, 2000, pp. 1120-1130, Vol. 47.	
	AQ	Wang, G. and Vannier M. W., "Helical CT image noise - Analytical results," Med. Phys., 1993, pp. 1635-1640, Vol. 20.	
	AR	Wang, G. and Vannier M. W., "Longitudinal resolution in volumetric X-ray computed tomography - Analytical comparison between conventional and helical computed tomography," Med. Phys., 1994, pp. 429-433, Vol. 21.	
	AS	Wang, G. and Vannier M. W., "Low-contrast resolution in volumetric X-ray CT - Analytical comparison between conventional and spiral CT," Med. Phys., 1997, pp. 373-376, Vol. 24.	
	AT	Wang, G. and Vannier M. W., "Maximum volume coverage in spiral computed tomography," Acad. Radiol., 1996, pp. 423-428, Vol. 3.	
	AU	Wang, G. and Vannier M. W., "Optimal pitch in spiral computed tomography," Med. Phys., 1997, pp. 1635-1639, Vol. 24.	
	AV	Wang, G. and Vannier M. W., "Preliminary Study on helical CT algorithms for patient motion estimation and compensation," IEEE Trans. on Med. Imaging, 1995, pp. 205-211, Vol. 14.	
	AW	Wang, G. and Vannier M. W., "Spatial variation of section sensitivity profile in spinal computed tomography," Med. Phys., 1994, pp. 1491-1497, Vol. 21.	
	AX	Wang, G. and Vannier M. W., "Stair-step artifacts in three-dimensional helical CT: An experimental study," Radiol., 1994, pp. 79-83, Vol. 191.	

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	AY	Wang, G., et al., "Iterative X-ray cone-beam tomography for metal artifact reduction and local region reconstruction," Microscopy and Microanalysis, 1999, pp. 58-65, Vol. 5.	
	AZ	Wang, G., et al., "Spiral CT image deblurring for cochlear implantation," IEEE Trans. on Med. Imag., 1998, pp. 251-262, Vol. 17.	
	BA	Wang, G., et al., "Unwrapping cochlear implants by spiral CT," IEEE Trans. on Biomedical Engineering, 1996, pp. 891-900, Vol. 43.	
	BB	Wang, G. and Vannier M. W., "The effect of pitch in multislice spiral/helical CT," Med. Phys., 1999, pp. 2648-2653, Vol. 26.	
	BC	Wang, G., et al., "Development of retroviral vectors for gene transfer to airway epithelia," Curr. Opin. Mol. Ther., 2000, pp. 497-506, Vol. 2(5).	
	BD	Wang, G., et al., "A knowledge-based cone-beam X-ray CT algorithm for dynamic volumetric cardiac imaging," Med. Phys., 2002, pp. 1807-1822, Vol. 29(8).	
	BE	Wang, G., et al., "An iterative algorithm for X-ray CT fluoroscopy," IEEE Trans. Med. Imaging, 1998, pp. 853-856, Vol. 17(5).	
	BF	Wang, G., et al., "A derivative-free noncircular fan-beam reconstruction formula," IEEE Trans. on Image Processing, 1993, pp. 543-547, Vol. 2.	
	BG	Wang, G., et al., "Cone-beam reconstruction of plate-like specimens," Scanning, 1992, pp. 350-354, Vol. 14.	
	BH	Wang, G., et al., "Point spread function of the general cone-beam X-ray reconstruction formula," Scanning, 1992, pp. 187-193, Vol. 14.	

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	BI	Wang, G., et al., "Feline immunodeficiency virus vectors persistently transduce nondividing airway epithelia and correct the cystic fibrosis defect," J. Clin. Invest., 1999, pp. R49-R56, Vol. 104.	
	BJ	Wang, G. and Han W., "Minimum error bound of signal reconstruction," IEEE Signal Processing Letters, 1999, pp. 309-311, Vol. 6.	
	BK	Wang, G. and Li Y., "Axiomatic approach for quantification of image resolution," IEEE Signal Processing Letters, 1999, pp. 257-258, Vol. 6.	
	BL	Wang, G., et al., "Half-scan cone-beam X-ray microtomography formula," Scanning, 1994, pp. 216-220, Vol. 16.	
	BM	Wang, G., "X-ray micro-CT with a displaced detector array," Med. Phys., 2002, pp. 1634-1636, Vol. 29.	
	BN	Wei, J. H., et al., "Cardiogenic motion of right lung parenchyma in anesthetized intact dogs," J. Appl. Physiol., 1985, pp. 384-391, Vol. 58(2).	
	BO	Welsh, M. J., et al., "Cystic Fibrosis," The Metabolic and Molecular Basis of Inherited Disease, C. R. Scriver, A. L. Beaudet, W. S. Sly and D. Valle (eds.), New York, McGraw-Hill, 1995, pp. 3799-3855, Vol. 3.	
	BP	Welsh, S. and Kay S. A., "Reporter gene expression for monitoring gene transfer," Curr. Opin. Biotechnol., 1997, pp. 617-622, Vol. 8.	
	BQ	Wilson, T. A., et al., "Geometry and respiratory displacement of human ribs," J. Appl. Physiol., 1987, pp. 1872-1877, Vol. 62.	

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	BR	Jiang, M. and Wang G., "Convergence of the Simultaneous Algebraic Reconstruction Technique (SART)," IEEE Trans. Image Process., 2003, pp. 957-961, Vol. 12(8).	
	BS	Jiang, M., et al., "Blind deblurring for spiral CT images," IEEE Trans. Med. Imaging, 2003, pp. 837-845, Vol. 22(7).	
	BT	Grangeat, P., "Mathematical framework of cone beam 3D reconstruction via the first derivative of the Radon transform," Mathematical Methods in Tomography, Lecture notes in Mathematics, Proceedings, Oberwolfach 1990, Springer-Verlag, 1991, pp. 66-94.	

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